

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037429.D
 Acq On : 31 Aug 2023 14:37
 Operator : JC/MD
 Sample : VX0831WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBL01

Quant Time: Sep 01 03:11:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	146496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	242244	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96076	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89103	42.189	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.380%
35) Dibromofluoromethane	5.385	113	73928	46.080	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.160%
50) Toluene-d8	8.647	98	281822	48.427	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.860%
62) 4-Bromofluorobenzene	11.079	95	103606	45.303	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.600%

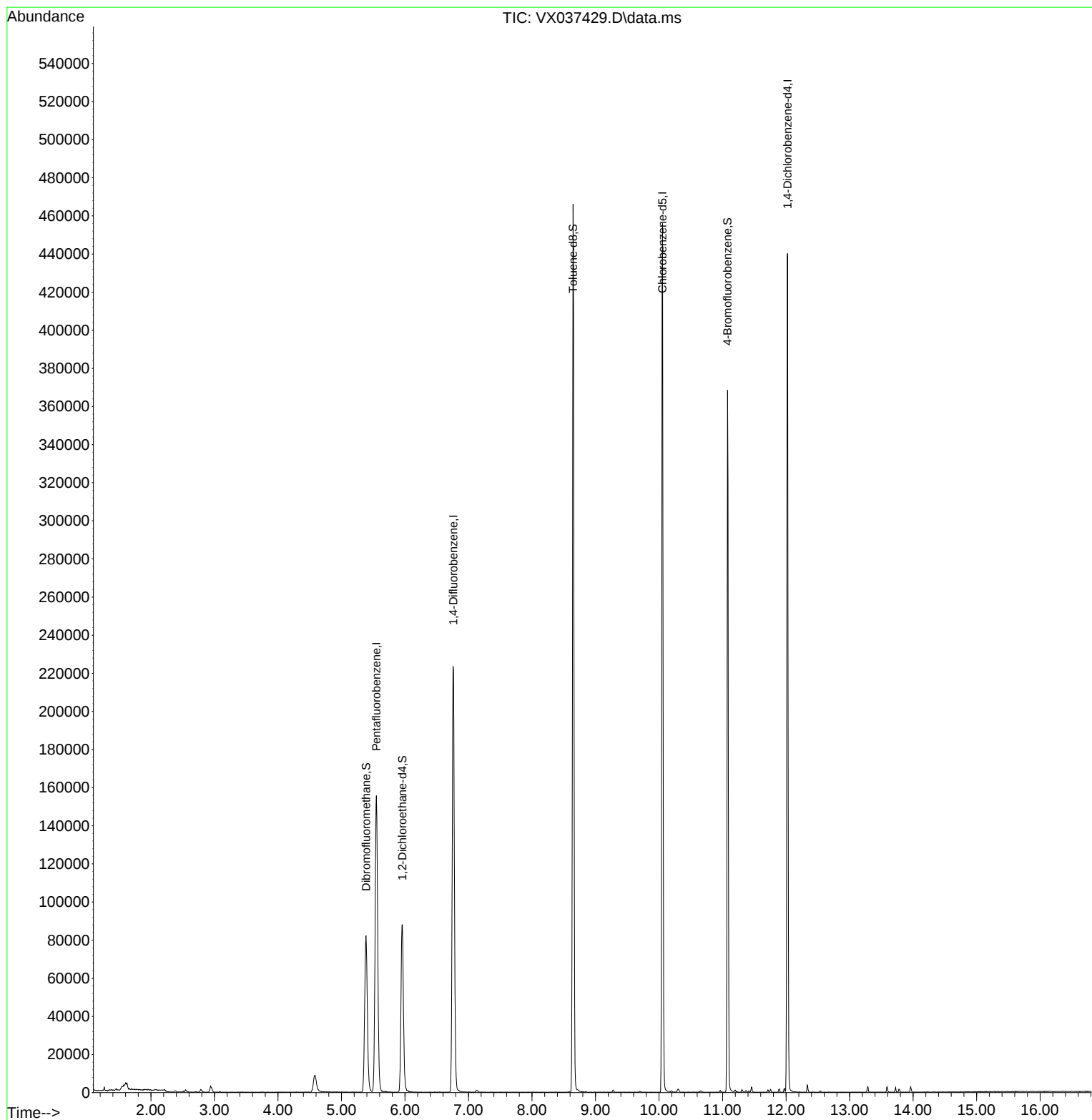
Target Compounds	Qvalue

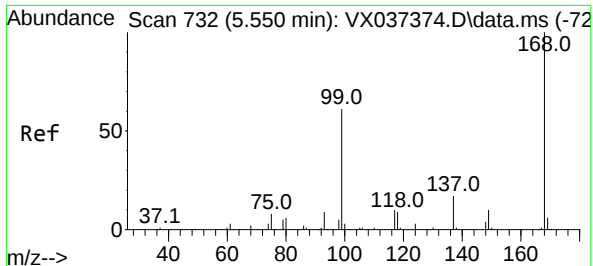
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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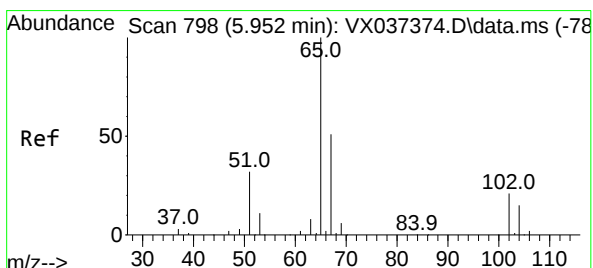
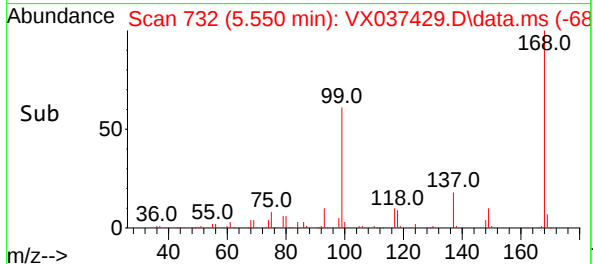
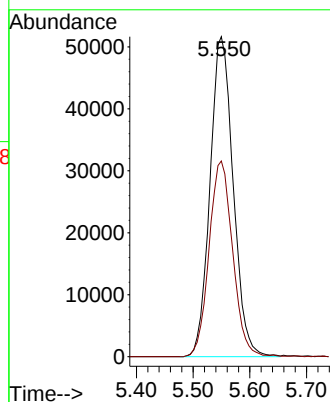
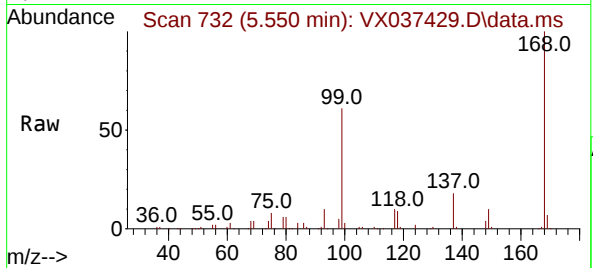




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX037429.D
Acq: 31 Aug 2023 14:37

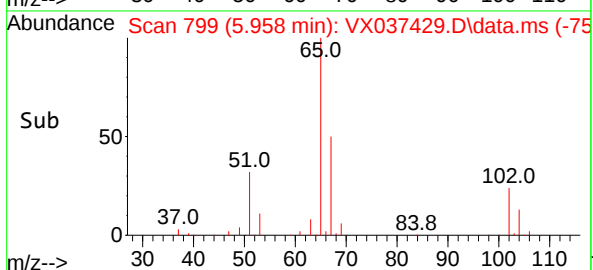
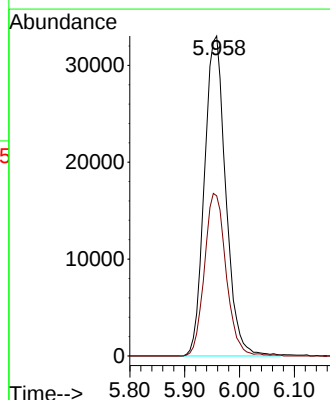
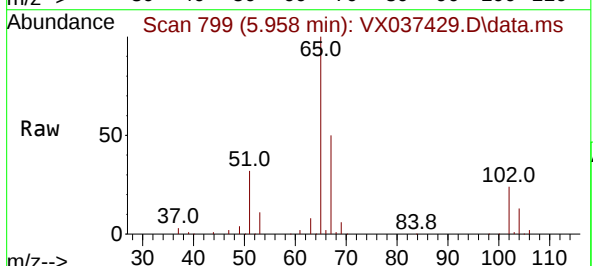
Instrument :
MSVOA_X
ClientSampleId :
VX0831WBL01

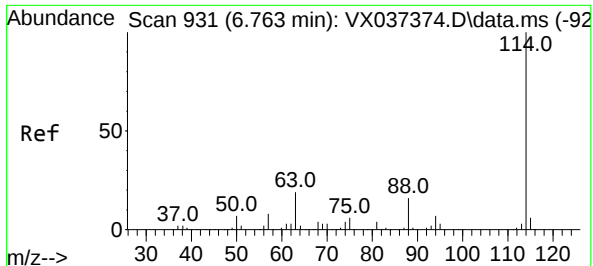
Tgt Ion:168 Resp: 146496
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 42.189 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037429.D
Acq: 31 Aug 2023 14:37

Tgt Ion: 65 Resp: 89103
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX037429.D

Acq: 31 Aug 2023 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBL01

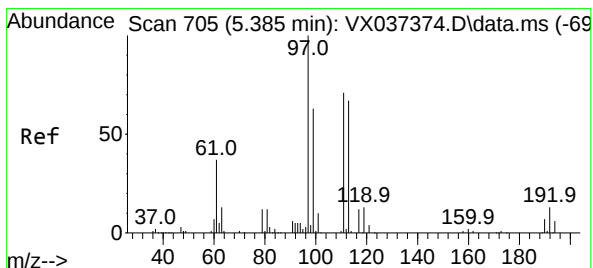
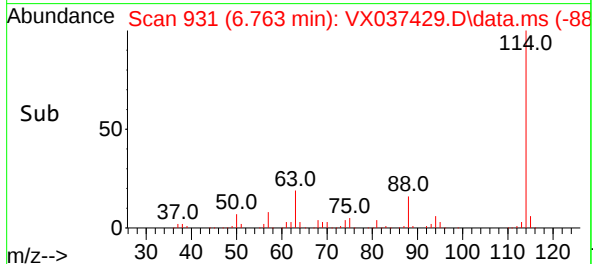
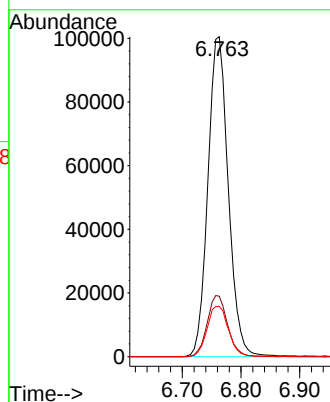
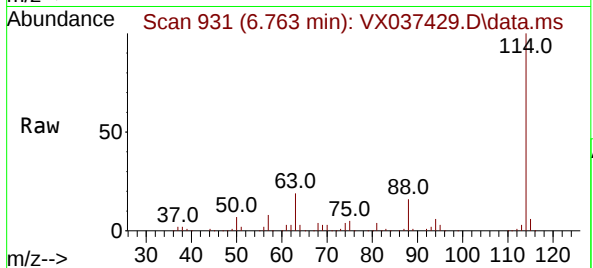
Tgt Ion:114 Resp: 242244

Ion Ratio Lower Upper

114 100

63 18.9 0.0 45.0

88 15.7 0.0 36.6



#35

Dibromofluoromethane

Concen: 46.080 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037429.D

Acq: 31 Aug 2023 14:37

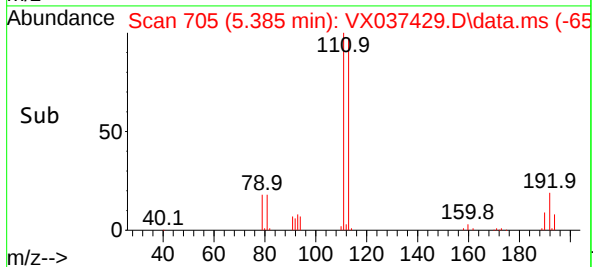
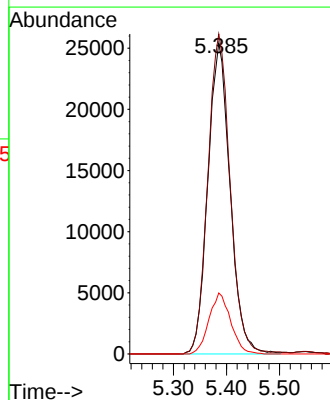
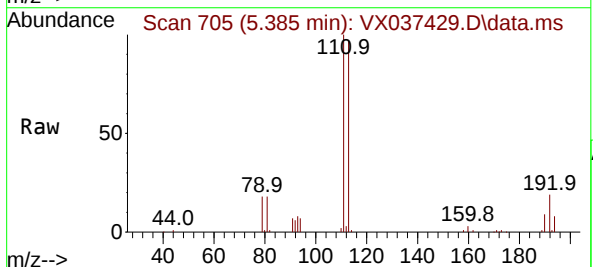
Tgt Ion:113 Resp: 73928

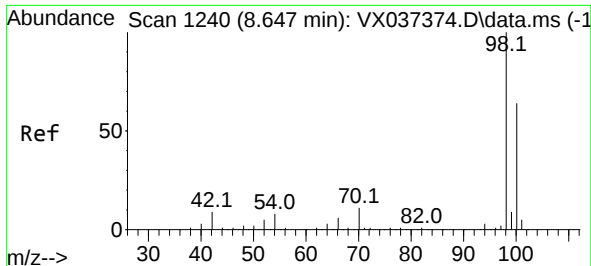
Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

192 19.2 13.3 19.9





#50

Toluene-d8

Concen: 48.427 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037429.D

Acq: 31 Aug 2023 14:37

Instrument :

MSVOA_X

ClientSampleId :

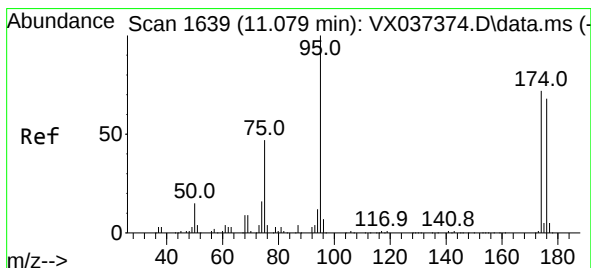
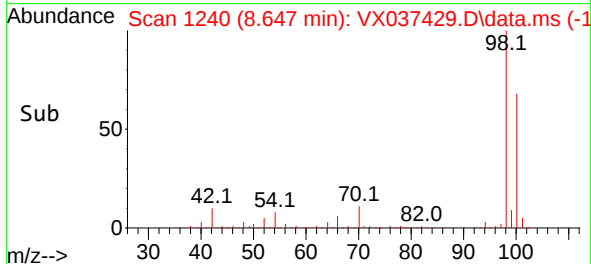
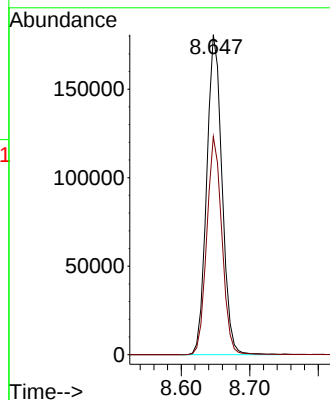
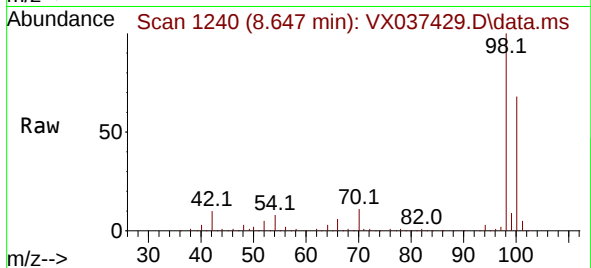
VX0831WBL01

Tgt Ion: 98 Resp: 281822

Ion Ratio Lower Upper

98 100

100 67.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.303 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX037429.D

Acq: 31 Aug 2023 14:37

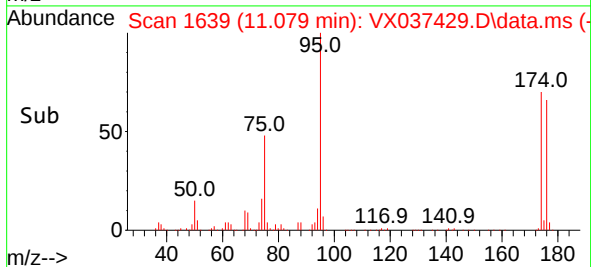
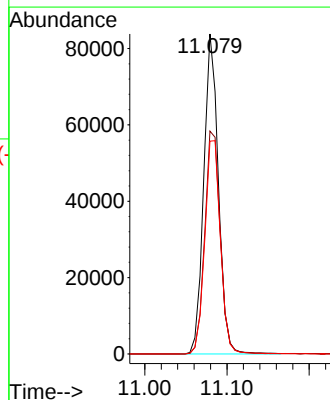
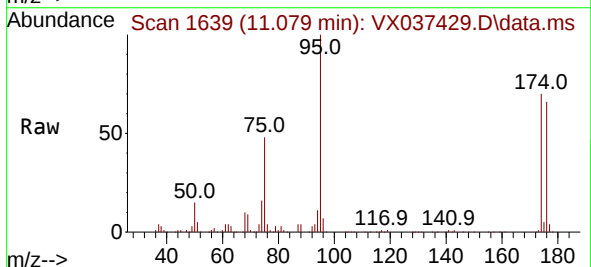
Tgt Ion: 95 Resp: 103606

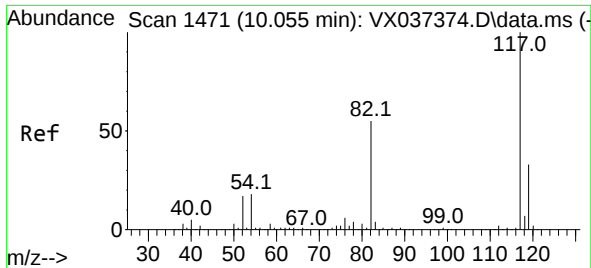
Ion Ratio Lower Upper

95 100

174 74.1 0.0 135.6

176 71.4 0.0 131.0

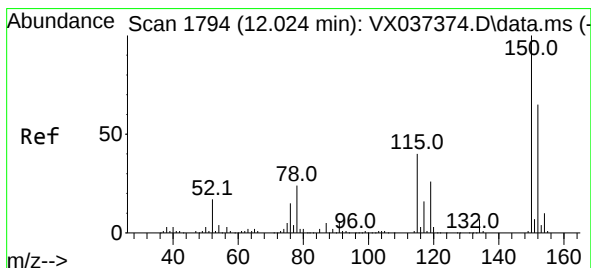
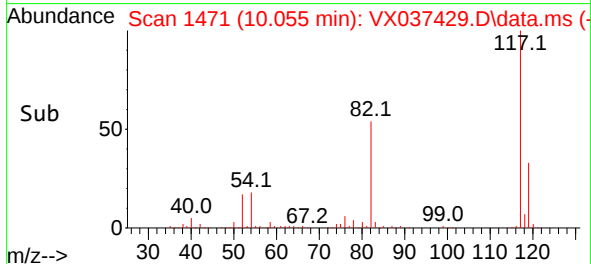
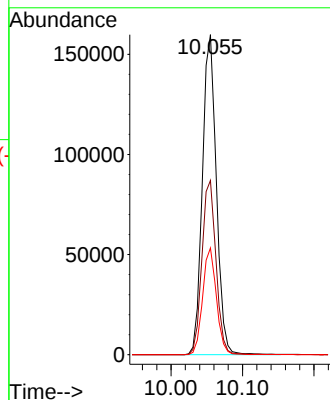
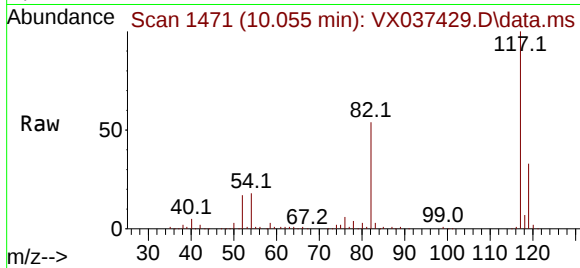




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037429.D
Acq: 31 Aug 2023 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBL01

Tgt Ion:117 Resp: 216872
Ion Ratio Lower Upper
117 100
82 54.5 46.2 69.4
119 33.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037429.D
Acq: 31 Aug 2023 14:37

Tgt Ion:152 Resp: 96076
Ion Ratio Lower Upper
152 100
115 63.7 43.3 129.9
150 156.1 0.0 345.0

